RE: Appointment End Date

Kenny Crump

to:

'Bowling, Betty' 05/17/2010 04:16 PM

Cc:

Rebecca Clausen, Dave Kelley, Ravi Subramaniam, sblack, "Bernd Schroeder"

Please respond to KennyCrump

Show Details

Dear Ms. Bowling:

Attached is a brief report that summarizes the activities that I conducted during my participation in the Research Participation Program at the U.S. Environmental Protection Agency (EPA), Office of Research and Development (ORD), at the National Center for Environmental Assessment (NCEA), through the Oak Ridge Institute for Science and Education (ORISE). This has been a very worthwhile experience for me. I appreciate the your efforts and others at ORISE on my behalf.

Regards,

Kenny Crump

Kenny S. Crump Louisiana Tech P.O. Box 10348 Ruston, LA 71272-0046 Direct Dial: 318-257-4051

Cell: 318-278-9426 FAX: 318-257-2182

Web Page: http://www2.latech.edu/~kcrump/

Home:

Kenny and Shirley Crump 2220 S. Vienna Ruston, LA 71270 318-255-7058

From: Bowling, Betty [mailto:Betty.Bowling@orau.org]

Sent: Tuesday, May 04, 2010 2:49 PM

To: KennyCrump@email.com

Cc: clausen.rebecca@epa.gov; Kelley.Dave@epamail.epa.gov; Subramaniam.Ravi@epamail.epa.gov;

sblack@latech.edu

Subject: Appointment End Date

Dr. Crump:

		20
		6



May 4, 2010

Dr. Kenny S. Crump 2220 South Vienna Ruston, Louisiana 71270

Dear Dr. Crump:

It is our understanding that your appointment to the Research Participation Program at the U.S. Environmental Protection Agency (EPA), Office of Research and Development (ORD), at the National Center for Environmental Assessment (NCEA) will end on or before May 31, 2010. If this date is not correct, please notify our office so your stipend can be paid correctly. As part of the procedures for ending your appointment, please send us a brief report summarizing the activities you conducted as a participant in the program. The report should also include verification of your appointment end date, your professional or educational plans following your appointment, and evaluations of your experience and the assistance provided by the facility. The report can be sent by fax or e-mail (see below); we do not need to receive an original copy. This information must be received by the Oak Ridge Institute for Science and Education (ORISE) before your final stipend payment can be released. A copy of the report should also be sent to Rebecca Clausen, ORISE Program Coordinator at ORD.

During your appointment, you have participated in an educational programdesigned to provide you with practical experience and to help you develop career aspirations. Because of the educational nature of the program, you did not enter into an employee/employer relationship with EPA, NCEA, ORISE, or any other office or agency, and you are not eligible for unemployment compensation when your appointment ends.

We hope that your participation in the program was an enriching experience professionally and educationally. If we can be of any assistance in the future, please contact our office at (865) 576-8503 or at betty.bowling@orau.org. The fax number is (865) 241-5219.

Sincerely,

Betty Bowling

Program Specialist

c: Rebecca Clausen, EPA
 Dave Kelley, EPA
 Ravi Subramaniam, EPA
 Susan Black, Louisiana Tech University



Re: Travel Expenses for Kenny Crump



Rebecca Clausen to: Bowling, Betty Cc: Dave Kelley, Ravi Subramaniam

04/07/2010 08:48 AM

Betty,

This is approved. The Mentor and Research Participant have been informed of the proper travel approval procedures, and this should not happen again (ORAU receiving an expense statement where no prior travel request had been approved by the PO).

Rebecca

Rebecca Clausen Management Analyst ORD NERL HEASD U.S. Environmental Protection Agency 109 T.W. Alexander Drive, M/C E205-01 Research Triangle Park, NC 27711 (919) 541-3002 (office); (919) 541-1111(fax)

"Bowling, Betty"

Do you approve of the attached travel request fo... 04/01/2010 12:09:30 PM

From:

"Bowling, Betty" <Betty.Bowling@orau.org> Rebecca Clausen/RTP/USEPA/US@EPA

To: Cc:

Dave Kelley/DC/USEPA/US@EPA, Ravi Subramaniam/DC/USEPA/US@EPA

Date:

04/01/2010 12:09 PM

Subject:

Travel Expenses for Kenny Crump

Do you approve of the attached travel request for Kenny Crump. We have received his Travel Expense Statement for reimbursement.

Thanks, Betty

Betty Bowling Program Specialist ORISE MS-36 P.O. Box 117 Oak Ridge, TN 37831-0117 Phone: (865) 576-8503 Fax: (865) 241-5219

E-mail: betty.bowling@orau.org Web site: http://see.orau.org

[attachment "Document.pdf" deleted by Rebecca Clausen/RTP/USEPA/US]

From:

Dave Kelley/DC/USEPA/US

To:

Rebecca Clausen/RTP/USEPA/US@EPA

Date:

04/01/2010 04:07 PM

Subject:

Fw: Travel Expenses for Kenny Crump

Crump filled one out and Ravi approved the travel reimb. 12/18/09 (attached) please approve and forward to Betty/Sharon. Looking at the directions of the form (Crump/Ravi did not sign at exactly right place, but they did sign), the form is confusing and I believe ORISE is trying to have it revised. And since Crump faxed the form, Ravi faxed it back to him. So again since the travel was approved and Crump made a presentation, just t not done correctly, please approve and forward to Betty/Sharon. Sorry for the problem. I explained the correct process Ravi should of followed, so we do not have this problem again.

[attachment "RCCRMPSOTTRL10.PDF" deleted by Rebecca Clausen/RTP/USEPA/US]

David C. Kelley National Center for Environmental Assessment Office of Research and Development **Environmental Protection Agency** Phone: (703) 347-8563

Fax:

(703) 347-8696

Email: kelley.dave@epa.gov

U.S. Mail NCEA (8601P) **US EPA** 1200 Penn. Ave, NW Washington, DC 20460

Express Service USEPA National Center for Environmental Assessment (8300-8th floor, North Side of Building) 2733 Crystal Drive Arlington, VA 22202

---- Forwarded by Dave Kelley/DC/USEPA/US on 04/01/2010 03:07 PM ----

From:

Rebecca Clausen/RTP/USEPA/US

To:

Dave Kelley/DC/USEPA/US@EPA, Ravi Subramaniam/DC/USEPA/US@EPA

Date:

04/01/2010 12:53 PM

Subject:

Fw: Travel Expenses for Kenny Crump

Hi, Dave, Ravi,

I looked through my records, and don't see a record of having received a travel authorization request for Dr. Crump, for this trip to SOT or any trip. It appears that Dr. Crump is submitting a request for travel reimbursement, with no approved travel request to base this on. Why was no request submitted prior to the travel?

Rebecca	
~~~~~~~	
Rebecca Clausen	*

Management Analyst

# Verify Travel Authorization Request TA-62487

		General 7	rave	el Information	1			
Traveler Name: Crump, Kenny Sherman ( - SEP-2-EPA)								
Start Dat	Sunday, M	farch 07,	End Date: Thursday, Marc			ch 11,		
Reason for Trave	Request #	A 71270 Er 26 Fax: 318	ame: Kenny Crump Address: 2220 South Vienna, mail: KennyCrump@email.com Work Phone: 82572182 Travel Reason: To give talk at annual y meeting				, see	
Comments f		pay air trav	vel and two nights of lodging.			8		
PO	#: Line No	: Releas	se #:	Authorizat	ion #:			
ORISE/Corporat	e: ORISE		Hav	e ORAU Tra	velCard:	No		7
Personal Trav	el: No			3rd Party	Billing:	No		
Conference	e: No			Professional Development:		No		
Airfa Purchased ORA	by No			Registration Fee Purchased by ORAU:		No		
Travel Advan Requeste			Hotel Deposit Requested:			No		
Travel	is: Domestic	Domestic						
FTMS N	o:							
Point of Conta	et: Bowling,	Bowling, Mary E (Betty) ( Betty.Bowling@orau.org - SEP-2 )						
Approver Nam	e: Kern, Sha	ron J (Sha	ron. I	Kern@orau.org	g - SEP-2	)	A10-19-1	
		Estin	ated	Expenses				
Destination	Start Date	End Da	ite	Room Rate	Room T	ax	Lodging	MIE
Salt Lake City, UT	3/7/2010	3/11/20	010	0.00	Ċ	.00	0.00	274.50
	Lo	dging Wai	iver:					
	Rental Car	r Justifica	tion:			1		
Sama Maris Mani Daductions (Breakfast 0 V \$10) + (Lunch 0 V \$15) +					(31.00)			
						0.00		
(Personal Vehicle) Round Trip Mileage to/from Airport: 80 * 0.5						40.00		
Airport Parking:						20.00		
Traveler Paid Registration Fee: 0.00								
						303.50		
Total Estimated Traveler Reimbursement:					303.50			
			- National			_	THE RESERVE THE PERSON NAMED IN	-

September 4, 2009



Dr. Kenny S. Crump 2220 South Vienna Ruston, Louisiana 71270

Dear Dr. Crump:

Congratulations on your selection for an appointment to the Research Participation Program for the U.S. Environmental Protection Agency (EPA), Office of Research and Development (ORD). Ravi Subramaniam at the National Center for Environmental Assessment (NCEA), will serve as your research mentor. However, it is our understanding that your appointment will be served at Louisiana Tech University. This appointment, awarded to you in recognition of your academic excellence and scientific achievements, is offered for the period beginning on or about September 8, 2009, and ending on or before May 31, 2010.

This program is administered by the Oak Ridge Institute for Science and Education (ORISE) through an interagency agreement between the U.S. Department of Energy (DOE) and EPA You will be considered a program participant and will not enter into an employee/employer relationship with NCEA, EPA, ORISE, DOE, or any other office or agency.

You were originally appointed to the Research Participation Program at NCEA that is also administered by ORISE. Your appointment in that program ended on May 31, 2009. Thank you for sending a final report that is part of the procedures for ending your appointment.

Your will receive a monthly stipend of \$11,014 based on 75 percent of full-time participation. If you participate part of a month, your stipend will be prorated based on the actual number of days of participation during that month. Program guidelines require that you commit yourself to continuous resident participation for the duration of the appointment and avoid obligations that will interrupt your term of appointment. You will have up to \$2,500 available for limited reimbursements for travel expenses related to your appointment. All reimbursement requests must be approved in advance by EPA and ORISE. You should direct any questions you may have regarding these travel funds to our office (see below for contact information). All appointment periods are subject to the continued availability of funding.

In order to document the effectiveness of the program, you are required to submit to ORISE a final report including an abstract of the project conducted during your appointment. All published reports, journal articles, or professional presentations that rely on your participation in the program should carry an acknowledgment such as the following: "This project was supported in part by an appointment to the Research Participation Program for the U.S. Environmental Protection Agency, Office of Research and Development administered by the Oak Ridge Institute for Science and Education through an interagency agreement between the U.S. Department of Energy and the EPA."

Please read the attached Terms of Appointment carefully before you accept this offer. If you accept this offer, sign and return copies of this letter and Terms of Appointment to our office. These documents will apply to the original appointment period stated above, as well as to any renewal, extension, or reactivation of the appointment regardless of when the renewal, extension, or reactivation is authorized by ORISE. We suggest that you return copies by fax to (865) 241-5219 or by regular mail.

We will continue to send your stipend payments payable to Louisiana Tech University unless you notify us in writing about other arrangements. Stipend payments are dated the last business day of the month and sent so that they are received by that date. Your stipend payments will become effective as soon as we have received the documents listed in this letter and certification from EPA that you have begun your appointment.

Health insurance coverage is a program requirement. Disabilities that require special consideration should be brought to our attention at the time you accept the appointment.

We look forward to hearing of your accomplishments and offer our best wishes for a successful and rewarding experience. If you have any questions concerning your appointment, please contact Betty Bowling, Program Specialist, or me at (865) 576-8503 or at betty.bowling@orau.org.

Sincerely, Inda M. Cament

Linda McCamant Group Manager

Enclosure

c: Rebecca Clausen, EPA
Dave Kelley, EPA
Ravi Subramaniam, EPA
Susan Black, Louisiana Tech University

ACCEPTANCE	DATE
Effective as of the date specifie	d in the certification of starting form provided by EPA.

Application

# ORISE Research Participation at EPA

	A Facility: Netto	onel Center for Env	fronmental Assessi	ment	
ested Pr	oject Number: EPA-0	ORD/NCEA-DC-20	09-01	22	
ying as;	[]Postgraduate	[ ]Student	[]Faculty	[x]Established Scientist	
Name:	Crump	Kenny (First)		Sherman (Middie)	
	(Las!)				
	ton				
city: Rust ate: LA Zip: 7127	70			as si	
ate: LA Zip: 7127 ne: (318	70 )257-4051			27 25	
ity: Rust ate: LA Zip: 7127 ne: (318)	70 )257-4051			45 53	

Name	Address	Phone
Ravi Subramaniam	Subramaniam Ravi@epa.gov	(703) 347-8808
Paul White	White.Paul@epanail epa.gov	(703) 347-8604
Veihsueh Chiu	Chiu.Weihsueh@epamail.epa.gov	(703) 347-8607

OKISE Research Participation at EPA	name: _	Remy O. Orump	
Application (continued)	The state of the s	Maria D. Station and Million	

Describe the educational and professional goals you expect to achieve as a result of participating in this program.

I plan to assist NCEA in addressing issues involving use of genomic and high-throughput in vitro data in risk assessment. My immediate plans also include: 1: Continuing to work on publishing two papers coauthored with NCEA scientific staff and others on the utility for risk assessment of biologically based dose response models and models based on human variability distributions; 2. Writing a paper on how epidemiological data can be better used in risk assessment; and 3: Conducting a review and updated assessment of the utility and scientific basis for the assumption of low-dose linearity in risk assessment

- 7. How did you learn about this program? From the Internet
- 8. Do you have current health insurance? [x] Yes [ ] No If yes, attach copy of insurance card.
- 9. Attach Resume or Curriculum Vitae (MUST include the following information.)

Acedemic History (Institution, dates, degree, major, GPA)
Employment Record (current employer, salary, dates, part-lime or full-time)
Relevant Research Experiences

10. Remember to send transcripts and references to address below.

Fax or mail documents to: (DO NOT mail originals, if they have been faxed.)

ORISE, EPA Programs
Oak Ridge Institute for Science and Education
F.O. Box 117, MS-36
Oak Ridge, TN 37831-0117

Fcr Overnight Delivery: ORISE, EPA Programs 1299 Bethel Valley Road Building SC-200 Oak Ridge, TN 37630

FAX: (865) 241-5219 - Altn: Betty Bowling, EPA Programs



ORISE EPA Programs PO Box 117 MS 36 Oak Ridge TN 37831-0117 Attn: Betty Bowling

This is a letter of recommendation for Dr. Kenny Crump, in support of his application for an EPA fellowship. I worked with Kenny on a daily basis from 1992 to 2005, first when we were both in ICF Consulting, and then when we both moved to ENVIRON International Corp. During that time we collaborated on a large number of projects, including:

Risk characterization for exposures to manganese

- Evaluation of epidemiological data for compounds such as methylmercury and inorganic arsenic
- Improved methods for the application of dose-response modeling in cancer and noncancer risk assessment

We have published 13 papers together in peer-reviewed journals and are co-authors on a number of presentations at scientific meetings. Since moving to The Hamner Institutes, I have continued to interact with Dr. Crump on a regular basis. I consider him to be the premier expert on the application of statistical and dose-response methods in risk assessment. He is the principal developer of the dose-response methods in common use in cancer and noncancer risk assessment, including the linearized multistage model and the benchmark dose methodology. Over the years, we have worked together a good deal on statistical issues associated with physiologically based pharmacokinetic models and clonal growth cancer models. In working with Dr. Crump, I found that he has an unparalleled ability to collaborate across disciplines, bringing his mathematical expertise to bear on biological and toxicological issues in a manner that assures that the statistical approach is well suited to the nature of the problem. I strongly recommend Dr. Crump for an EPA fellowship.

Harvey Clewell, Ph.D., DABT

Director, Center for Human Health Assessment

# <u>Project Title: Reviews on Some Major Issues in Environmental Health Risk</u> Assessment

Several short projects are identified below that are common to Dr. Crump's interests and to immediate needs in the Quantitative Risk Methods Group, National Center for Environmental Assessment-Washington (NCEA-W. Papers resulting from these projects will serve as reviews and suggestions for the path forward on several outstanding problems related to the use of high throughput data, better use of epidemiology data and the data needs in this field, low dose extrapolation, and adding risk across tumor types in the context of internal dose metrics derived from physiologically-based pharmacokinetic modeling.

# 1. Use of genomic and high-throughput in vitro data

Background: The availability of huge amounts of molecular toxicology data has opened the possibility of revolutionizing risk assessment and in evaluating a large number of chemicals in a short period of time. However, there are major challenges in how these data can be used to inform quantitative risk assessment. In particular, the relationship of perturbations in genomic pathways to apical endpoints of interest in humans would need to be elucidated if these data are to inform human risk. There is therefore the need to develop conceptual frameworks for utilizing these data.

Tasks: Dr. Crump has proposed that the most efficient path forward would be to not attempt to numerically estimate human risk based on these data. He will write a paper that expands his views further and which provides a prescription for best use of these data for setting exposure standards to protect human health. The paper will be submitted to a peer-reviewed journal and, if possible, presented at a suitable conference.

#### 2. Review paper on use of epidemiological data in risk-assessment

Background: The interpretation of epidemiological data for use in risk assessment is often problematic due to a number of reasons. These have to do with inadequate exposure measurement information, confounding sources of exposures, and the statistical approaches used.

Tasks: Dr. Crump will write a paper that examines how epidemiological data can be better used in risk-assessment. The paper will review different data needs and types of analysis of "traditional epidemiologic data" and risk assessment needs. The review will also discuss the need for detailed exposure data and the need for meta-analyses, and point to limitations in epidemiologic data when applied to risk assessment.

#### 3. Review paper on the use of low-dose linearity in risk assessment.

Background: The baseline scientific approach in cancer risk assessment has been to assume a linear dose-response at low doses. For non-genotoxic agents (and for some genotoxic carcinogens) such an approach has been controversial. Furthermore, a recent

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report from the National Research Council has suggested that a low dose linear approach may be justified in non-cancer risk assessment as well. In 1976, Dr. Crump formalized the use of a linear dose-response for carcinogens through his linearized multistage model, and this model was EPA's default method of quantifying low dose risk for many years. Since then there has been considerable progress in understanding cancer mechanisms, so there is need for reviewing those recommendations.

Tasks: Dr. Crump will conduct a review and updated assessment of the utility and scientific basis for the assumption of low-dose linearity in risk assessment. This will be presented at a symposium on this topic at the annual meeting of the Society of Toxicology in March 2010. The presentation and discussions at the meeting will form the basis for a paper to be submitted to a peer-reviewed journal.

## 4. Combining risk due to multiple tumor types.

Background: There is currently no guideline on how to go about calculating a lower confidence limit on a benchmark dose in the case of combined risk due to multiple adverse dichotomous responses when PBPK modeling is used to derive internal dose metrics, and when each of the responses depend on different dose metrics.

Tasks: Dr. Crump will develop an algorithm for solving the above question, and will collaborate closely with Paul Schlosser, Leonid Kopylev and Weihsueh Chiu on this project. If possible, the results will be published in a peer-reviewed journal as a short communication.

# 5. Comparison of Carcinogenic Potencies in Animals and Humans

Background: Estimates of allowable levels for chemicals that have carcinogenic potential often are based upon quantitative estimates of carcinogenic potency. Such risk characterizations usually are based on experimental animal data because of a lack of relevant human data. Accordingly, cancer risk assessments often must quantitatively extrapolate results from rodent bioassays to humans. This requires specific assumptions about relative potency of the assessed carcinogens in different species (often termed cross-species scaling). One way to address this concern is to compare estimates of human risk made from animal data to estimates made from human epidemiological or clinical data for chemicals for which both animal and human data are available. The most comprehensive comparison of carcinogenic potencies between animals and humans was carried out in 1988 in a paper in which Dr. Crump was a principal. Since then considerable additional data are available. Last year NCEA initiated the first phase of a project to update the results of the 1988 study. A literature search was carried out to identify and evaluate data in the literature and it was determined if there are sufficient data to update and expand the study by Allen et al. The project was contracted out extramurally and Dr. Crump had played a significant role in guiding the work.

Tasks: The second phase of this study will also be carried out extramurally. The objectibe of this phase will be to examine the literature identified in the first phase to confirm if the

data are appropriate for use in comparing the animal and human potencies, and to extract these data for further analyses. As in the first phase of this project, Dr. Crump will provide guidance in the conduct of the project and in specific steps to be taken. Dr. Crump will help evaluate the report NCEA receives from the contractors and assist in identifying the next steps for the analyses. Dr. Crump will work closely with Ravi Subramaniam on this project.

# 6. Technical consultation on quantitative issues in health risk assessment

Dr. Crump will provide technical consultation on specific projects at NCEA as substantive quantitative issues arise in risk assessment problems that are also of interest to him. Further interaction during the course of these consultation could determine additional projects based on available time. The work plan will then be amended accordingly.

Dr. Crump will have latitude in exercising independent initiative and judgment in the research commensurate with his expertise. EPA will review completed papers for adherence to NCEA principles and policies, quality, and soundness of scientific conclusions.

#### TRAVEL PLANS:

Dr. Crump has accepted invitations for presenting his work at two venues. The first meeting is the Society of Toxicology Annual Meeting, March 6-11, Salt Lake City, UT, where he will present results of the first and third projects under this fellowship. The second meeting is a workshop conducted by the Alliance for Risk Assessment titled Beyond Science and Decisions, March 16-18, 2010 at Austin, TX. This is a workshop to discuss approaches to implement the National Academy of Sciences report on steps to improve risk assessment at EPA, and Dr. Crump's contribution will combine thoughts pertaining to the first three projects under this fellowship.

## **Description of Work Conditions**

Work will be performed in an off-site indoor office environment using standard desktop computers and software with occasional meetings held at other local offices. The work site is located at Lousiana Tech University, Ruston, Louisiana, where Dr. Crump is an adjunct faculty.

# **Project Schedule**

The overall project is scheduled to be completed during the period from the date of appointment through 5/31/2010. This document details only one phase of these projects. Further evolution or termination of these projects will depend on the findings upon completion of the first phase. It is also likely that a new project may be added as mutually decided upon by the research fellow and NCEA mentor. In any case, a revised work plan will be submitted as needed.

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# justification for projected stipends for selected ORISE fellows, Sinha & Crump

Ravi Subramaniam to: Rebecca Clausen
Cc: Dave Kelley, Paul White, Charles Ris

09/02/2009 10:28 AM

#### Hi Rebecca:

I understand from Dave you have requested justification for the stipend amounts projected for the 2 ORISE faculty fellows selected by the QRMG group in NCEA, Dr. Bimal Sinha and Dr. Kenny Crump.

In calculating their stipends, I went by the salaries offered by their respective institutions, U. of Maryland, Statistics Dept. (Sinha) and Louisiana Tech University--College of Engineering & Sc (Crump). Both Dr. Bimal Sinha and Dr. Kenny Crump had been previously awarded ORISE Fellowships with us; therefore information on their prior stipend amounts was available. Dr. Sinha had also sent ORISE an updated estimate of his current salary-based budget. For Dr. Crump I used exactly the amount ORISE had determined last year based on their deliberations with his university. Furthermore, note that during the telephone interviews, Dr. Crump indicated he would like his fellowship to last the 9-month academic calendar, and Dr. Sinha indicated a preference for full-time during the summer and part-time (one-day a week) for the academic year.

Both Dr. Crump and Dr. Sinha are senior faculty with substantial international reputation. In particular, the breadth of Dr. Crump's experience is outstanding. Therefore I do believe the stipends that NCEA has recommended for these scholars are commensurate with their experience and standing in the field, and with the salaries at their respective institutions. To date, these were the only two candidates who have applied to the ORISE posting. I had also circulated the ORISE advertizement to some universities. Please do not hesitate to contact me if you have any further questions.

Ravi.

Ravi Subramaniam Environmental Health Scientist NCEA-Washington, ORD, EPA N-7922, Two Potomac Yard, Crystal City (703) 347-8606, (301) 515-2701 (alternate office)

# ORISE RESEARCH PARTICIPATION PROGRAM U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF RESEARCH AND DEVELOPMENT

Date:_8-25-2009

FROM: _ Ravi P. Subramaniam MENTOR
SUBJECT: RECOMMENDATION FOR SELECTION OF ORISE RESEARCH PARTICIPATION PROGRAM CANDIDATE
REFERENCE: ORISE Announcement No. EPA-NCEA 2009-01
Attached are the Comments/Recommendation Forms for the following applicants:
1. Dr. Kenny S. Crump
Applicant #1 (Dr. K.S. Crump) is recommended to be selected by ORISE to fulfill this position.
CONCURRENCE: PU line 8/26/09 BRANCH CHIEF DATE
CONCURRENCE: La & 31/09 DIVISION DIRECTOR DATE
COORDINATOR (1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/
PROJECT OFFICER 9/13/109

# ORISE RESEARCH PARTICIPATION PROGRAM U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF RESEARCH AND DEVELOPMENT

# COMMENTS/RECOMMENDATION FORM

# IF RECOMMENDED, PLEASE BE SURE TO COMPLETE ALL ITEMS. IF NOT RECOMMENDED, PLEASE COMPLETE ITEMS 1, 2, 3, 10 AND 11

1.	APPLICANT'S NAME: KENNY S. C.	RUMP; PROJECT NUMBER: EPA-NCEA-2009-01				
2.	INTERVIEWED X NOT INTERVIEWED  IF NOT INTERVIEWED, WHY:					
3	RECOMMENDED X NOT RECOM	MMENDED [				
	through most of his career. Currently fellowship with NCEA (ORD-EPA) include the use of genomic and high would impart to students and faculty highly beneficial to EPA. These includes the care of the	respected scientist who has worked in environmentary Dr. Crump has an academic position at Louisiana will be beneficial to Dr. Crump as he seeks to expand throughput data in risk assessment, and accordingly in his department. Dr. Crump's goals under this fellude better use of epidemiology data in risk assessment; in risk assessment, and in addressing new recomproving risk assessment.	Tech University; the nd his experience to y, in the training he llowship are likely to be ent, further perspectives			
4.	APPLICANT'S ACADEMIC STATUS: <b>FACULTY X</b> ESTABLISHED SCIENTIST  STUDENT: FRESHMAN SOPHOMORE JUNIOR SENIOR GRADUATE POSTGRADUATE: HIGHEST DEGREE: BACHELOR'S MASTER'S DOCTOR'S					
5.	APPOINTMENT TOPIC: Dose-Resp	oonse Modeling				
5.	DISCIPLINE OF APPOINTMENT TO	PIC:				
	☐ ENGINEERING	COMPUTER SCIENCE/MATHEMATICS	☐ PHYSICS			
	☐ BIOLOGICAL SCIENCES	☐ ENVIRONMENTAL SCIENCES	CHEMISTRY			
	X OTHER/PLEASE SPECIFY: STATI	STICAL AND MATHEMATICAL MODELING				
7.	MONTHLY STIPEND: \$11014					
	ALLOWANCE FOR OTHER APPOINT	TMENT RELATED TRAVEL (meetings, etc.) \$ 2500				
3.	PROPOSED APPOINTMENT PERIOD	D: FROM 9/01/2009 TO 5/31/2010				
).	RESEARCH LOCATION: Washington, DC					
0.	RESEARCH MENTOR: Ravi Subramaniam					
	ADDRESS: Mailcode 8623-P, 1200 Pen	nsylvania Ave NW., Washington DC 20460				
	PHONE: 703-347-8606 FAX:	E-MAIL: Subramaniam.Ravi@epa.gov				
1.	MENTOR: Race A.L.	CALL ACTION TO THE	Ph5/07			
2.	LCO COORDINATOR DCC	SIONA FURE	8/3/105			
3.	PROJECT OFFICER:	SIGNATURE	DATE 913 Jos			
		SIGNATURE	DATE			



## concerns on consultation and guidance in work plans



Ravi Subramaniam to: Rebecca Clausen

Cc: Dave Kelley, Paul White

02/22/2010 02:59 PM

#### Rebecca

Thank you for looking at these work plans closely. In these work plans, we have set aside some time for consultation on specific projects specifically with the Fellowship requirements in mind. These Senior fellowships place emphasis on a training component to be carried out in a manner that is also of direct utility to the EPA. Both these scientists are established researchers. Thus, training in their case is achieved by their participation in discussions related to various projects that are of interest to them, and by being consulted on research questions. These outstanding research questions often arise in an unspecified manner, as opposed to being carefully outlined and anticipated as in the other tasks in their work plans. Both scientists expressed the desire to have this latitude for a small percentage of their time. We believe such consultations will foster a better understanding of EPA research needs and facilitate generational transfer of this knowledge, namely to their own students and post docs. "Training" in the context of senior researchers has this broader interpretation than one would apply for postdoctoral scientists.

With regard to your second concern, "guidance in the conduct of the project" means technical guidance on matters related to his expertise and does not necessarily imply he would be intimately familiar with NCEA's research needs in the context of risk assessment. We should perhaps discuss these issues further over the phone. I want to be sure I have addressed your concerns.

Ravi.

Ravi Subramaniam **Environmental Health Scientist** NCEA-Washington, ORD, EPA N-7922, Two Potomac Yard, Crystal City (703) 347-8606, (301) 515-2701 (alternate office)

Rebecca Clausen

I am concerned about these project plans, espec...

02/22/2010 12:19:06 PM

From:

Rebecca Clausen/RTP/USEPA/US

To:

Dave Kelley/DC/USEPA/US@EPA Ravi Subramaniam/DC/USEPA/US@EPA

Cc: Date:

02/22/2010 12:19 PM

Subject:

Re: Fw: revised work plans for Drs. Crump and Sinha

I am concerned about these project plans, especially Sinha's, discussing Dr. Sinha providing consulting work (Tasks 3 & 4). It seems to me that this sort of effort should be under a contractual vehicle, not under an ORISE appointment. It also doesn't seem to fit in with the initial paragraph statement, where it says "These projects are also designed to increase Dr. Sinha's familiarity with research problems of importance to NCEA....." If he has the expertise to provide consulting on these topics, he must be pretty familiar with them already. In Dr. Crump's, he is providing "guidance in the conduct of the project" (Task 5), again indicating a strong level of familiarity and expertise.